

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **05-123553**

(43)Date of publication of application : **21.05.1993**

(51)Int.Cl.

B01F 1/00
B01F 5/00
// A23L 2/00

(21)Application number : **03-118502**

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(22)Date of filing : **23.05.1991**

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(30)Priority

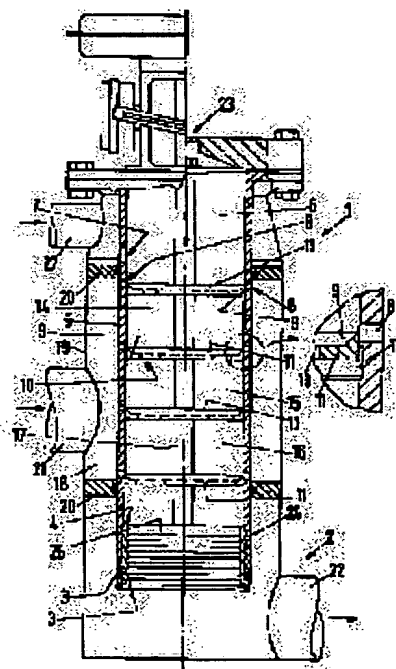
Priority number : **90 4016727** Priority date : **24.05.1990** Priority country : **DE**

(54) APPARATUS FOR MIXING A FLUID WITH A LIQUID, PARTICULARLY, MIXING CARBON DIOXIDE WITH AN AQUEOUS BEVERAGE SOLUTION

(57)Abstract:

PURPOSE: To provide a mixing apparatus which can achieve a specific mixing effect even if the production amount is varied when a mixture of a fluid with a liquid is produced.

CONSTITUTION: The apparatus comprises a combining part 1 and an in-line mixing part 2. The combining part 1 has a plurality of infusion chambers 6, 14, 15, 16 consisting of a cylinder wall 5 and a chamber isolating plate 11 each. A cross-sectional area of a radial bore 8 through which a liquid is injected into the chamber 6, 14, 15, 16 can be controlled by the outside edge of the chamber isolating plate 11 which is movable in the axial direction.



LEGAL STATUS

[Date of request for examination]	20.08.1993
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	
[Date of final disposal for application]	
[Patent number]	2082508
[Date of registration]	23.08.1996
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	25.12.1998

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